

assigning a plurality of facilities to implement the service order based on the provisioning data, the plurality of facilities comprising at least a remote terminal connectable to a terminal of the DSL subscriber;

~~AX~~ determining an interface corresponding to each of the plurality of facilities, each interface converting at least a portion of the provisioning data into a specific protocol corresponding to the assigned facility; and

configuring each of the plurality of facilities, using the corresponding interface, to implement the service order based on the provisioning data.

~~Sub 8~~ 8. (Amended - Clean Copy) A method for provisioning a digital subscriber line (DSL) service in a telecommunications network for a subscriber, the method comprising:


receiving a service order, at a common server, requesting set up of the DSL service;

converting the service order into provisionable steps;

~~AS~~ determining facility assignment data related to each of a plurality of facilities needed to implement the provisionable steps, the facility assignment data comprising identification of at least a remote terminal and a subscriber port, connectable to a terminal of the DSL subscriber, and an optical concentrator device connectable to the remote terminal;

determining an interface for each of the plurality of facilities, each interface enabling communication with the corresponding one of the plurality of facilities; and

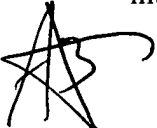
configuring each of the plurality of facilities to implement the service order based on instructions communicated from the common server to each of the plurality of facilities using the corresponding interface.

 18. (Amended - Clean Copy) A system for provisioning a digital subscriber line (DSL) service in a telecommunications network, the system comprising:

a server that receives a service order for implementing the DSL service;


a plurality of network facilities connectable to the server; and

a system database that stores the service order and a plurality of interface identifiers for interfaces corresponding to the plurality of network facilities;

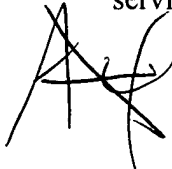
 wherein the server assigns provisioning facilities from among the plurality of network facilities needed to implement the service order, the provisioning facilities comprising at least one remote terminal, connectable to a terminal of a subscriber of the DSL service; and

wherein the server directs configuration of each of the provisioning facilities, using at least one of the interface identifiers retrieved from the system database corresponding to each of the provisioning facilities, to implement the DSL service based on the service order.

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 24. (Amended - Clean Copy) A system for provisioning a digital subscriber line (DSL) service in a telecommunications network, the system comprising:

a service order entry system that receives a service order for the DSL service from a DSL service provider;

 a server that receives the service order from the service order entry system;

a plurality of network facilities connectable to the server and a terminal of a subscriber of the DSL service;

a facility inventory system connected to the server that stores facility information regarding each of the plurality of network facilities, the facility information comprising a type, a location and

an availability of each of the plurality of network facilities; and

a system database connected to the server that stores data relating to the service order and a plurality of interfaces corresponding to the plurality of network facilities;

wherein the server communicates with the facility inventory system to determine provisioning facilities from among the plurality of network facilities needed to implement the DSL service based on the service order, the provisioning facilities comprising at least one remote terminal having a subscriber port and at least one optical concentrator device, the remote terminal being connectable to the optical concentrator device via an optical fiber line; and

wherein the server directs configuration of each of the provisioning facilities using a corresponding one of the plurality of interfaces retrieved from the system database to implement the DSL service.

31. (Amended - Clean Copy) A computer readable medium for storing a computer program that provisions a digital subscriber line (DSL) service in a telecommunications network, the computer readable medium comprising:

a receiving source code segment that receives a service order requesting implementation of the DSL service;

an assigning source code segment that assigns a plurality of facilities needed to implement the service order based on provisioning data indicated by the service order, the plurality of facilities comprising at least a remote terminal connectable to a terminal of a DSL subscriber and an optical concentrator device connectable to the remote terminal;

a determining source code segment that determines an interface corresponding to each of the

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AS plurality of facilities, each interface converting the service order data into a specific protocol corresponding to the assigned facility; and

a configuring source code segment that configures each of the plurality of facilities, using the corresponding interface, to implement the DSL service based on the service order.

Sub 38. (Amended - Clean Copy) A computer readable medium for storing a computer program that provisions a digital subscriber line (DSL) service in a telecommunications network, the computer readable medium comprising:

a receiving source code segment that receives a service order at a common server via a service order entry system, the service order requesting that the DSL service be set up for a DSL subscriber;

a converting source code segment that converts the service order into provisionable steps;

AK a facility assignment source code segment that determines facility assignment data related to each of a plurality of facilities needed to implement the provisionable steps, the facility assignment data comprising identification of at least a remote terminal and a subscriber port, connectable to a terminal of the DSL subscriber, and an optical concentrator device connectable to the remote terminal;

an interface determining source code segment that determines an interface for each of the plurality of facilities, each interface enabling communication with the corresponding one of the plurality of facilities; and

a configuring source code segment that configures each of the plurality of facilities to implement the service order based on instructions communicated from the common server to each